



Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN, MN

UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

A WINDOW OF OPPORTUNITY FOR FIELDWORK

Minnesota producers exploited a small break in the cold, wet weather pattern and made planting progress, according to the USDA, NASS, Minnesota Field Office. As of May 8, spring wheat advanced to 18 percent planted, compared to 98 percent last year, and 60 percent for the five-year average. Corn was 28 percent planted, compared to 93 percent last year and 65 percent average. Other planting activity included potatoes at 40 percent planted, soybeans at 2 percent planted, barley at 9 percent planted, and oats at 37 percent planted. Planting for these crops was behind average and ranged from 16 points behind for soybeans to 49 points behind for barley.

Statewide, 3.6 days were rated suitable for fieldwork. Some reporters noted that planting conditions were highly variable depending on the soil type and field location. Producers planted where they could, but were hindered by frequent rain, cooler than average temperatures, and saturated soils.

The statewide average temperature during the week was almost 48°, warmer than previous weeks but still 4.2° below average. High temperatures reached the mid 70s while the coldest temperatures fell below freezing. A sunny start to the week gave way to a weather system that moved in Wednesday night into Thursday morning and dropped heavy rain at times over parts of central Minnesota. A series of weak disturbances over the weekend produced occasional showers across the state. Topsoil moisture supplies were rated 60 percent adequate and 40 percent surplus compared to 56 percent adequate and 44 percent surplus during the previous week.

Pasture condition was rated 2 percent very poor, 6 percent poor, 28 percent fair, 52 percent good, and 12 percent excellent. Some areas along the Minnesota River are still under flood warning.

The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:
<http://climate.umn.edu/doc/weekmap.asp>

Spring flood information:
http://climate.umn.edu/doc/journal/flood_2011/flood_ing_2011.htm

National Weather Service's Minnesota Data:
<http://www.nws.noaa.gov/view/states.php?state=MN>

Days Suitable for Fieldwork: 3.6

	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	0	0	60	40

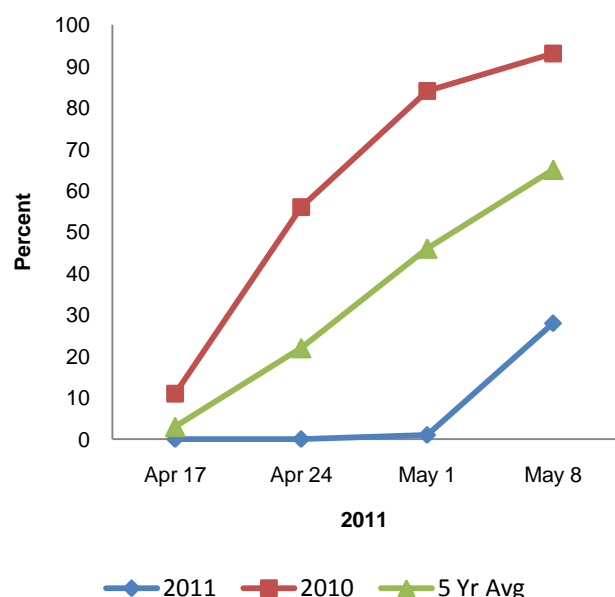
Crop Progress as of May 8, 2011

Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Land Prepared	41	4	99	75
	Planted	28	1	93	65
Soybeans	Land Prepared	5	1	63	33
	Planted	2	0	37	18
Oats	Planted	37	9	98	77
	Emerged	4	0	78	43
Spring Wheat	Planted	18	3	98	60
	Emerged	1	0	84	29
Barley	Planted	9	3	98	58
	Emerged	2	0	82	28
Canola	Planted	3	NA	86	27
Green Peas	Planted	17	NA	79	57
Sweet Corn	Planted	3	NA	27	19
Dry Beans	Planted	0	NA	3	3
Potatoes	Planted	40	NA	76	60
Sunflowers	Planted	0	NA	26	10
Sugarbeets	Planted	17	2	100	68

Condition as of May 8, 2011

	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	2	6	28	52	12

Corn Planted



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING May 8, 2011:
Temperatures averaged from 5.7 degrees below normal in the South Central District to 2.8 degrees below normal in the Northwest, North Central Districts. Extremes: 23 degrees in Itasca; 74 degrees in Browns Valley, Montevideo, Wheaton, Forest Lake, Lamberton, Marshall, Worthington, Winnebago. Average precipitation ranged from 0.74 inch below normal in the Southeast District to 0.15 inch above normal in the Central District. Greatest weekly total of 1.01 inches was recorded in Becker.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 5/2/2011 through 5/8/2011

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Four Week	From Norm Four Weeks	Since 4/1
<u>NW DIST 1</u>								
Crookston	70	24	48.2	-3.8	.22	-.22	-.06	.48
Itasca	66	23	43.4	-4.5	.08	-.43	1.50	1.29
Moorhead	72	27	52.6	-.6	.29	-.18	.04	.41
Warroad	65	24	46.0	-2.0	.04	-.38	.88	1.93
<u>NC DIST 2</u>								
Grand Rapids	68	25	48.0	-2.2	.72	.19	1.28	1.47
Intl. Falls	65	24	45.6	-3.5	0	-.44	.31	1.91
<u>NE DIST 3</u>								
Duluth	63	27	45.6	-2.3	.37	-.19	1.03	1.43
Grand Marais	56	26	41.0	-3.5	.23	-.22	.44	.70
Hibbing	69	24	43.8	-4.8	.49	.03	1.23	1.34
<u>WC DIST 4</u>								
Alexandria	67	30	50.4	-1.7	.73	.18	-.22	-.31
Browns Valley	74	25	48.4	-5.6	.17	-.31	-.33	-.93
Canby	73	30	50.7	-3.9	.05	-.52	-.39	-.82
Montevideo	74	27	49.3	-4.5	.85	.24	-.10	-.16
Morris	70	27	47.5	-6.1	.51	-.04	-.30	-.81
Wheaton	74	28	49.9	-3.3	.03	-.45	-.61	-.99
<u>CENT DIST 5</u>								
Becker	70	29	47.4	-5.8	1.01	.33	.64	1.35
Collegeville	72	29	52.4	-2.6	.98	.33	.85	.59
Hutchinson	71	28	48.4	-5.6	.64	.06	1.01	1.75
Melrose	69	28	48.1	-4.7	.96	.34	.74	.44
Olivia	71	27	48.0	-5.8	.63	.03	.19	.35
St. Cloud	71	26	50.0	-2.6	.92	.37	.34	.33
Wadena	67	26	46.4	-4.2	.10	-.46	.00	-.06
Willmar	71	25	46.2	-6.5	.77	.20	.57	.82
<u>EC DIST 6</u>								
Aitkin	68	27	44.0	-5.7	.97	.38	1.47	1.58
Forest Lake	74	28	47.6	-5.9	.46	-.22	.08	.29
Hinckley	69	25	43.2	-6.8	.69	.03	.52	.59
MSP Airport	72	32	52.4	-2.8	.33	-.30	.64	.11
St. Paul - UofM	69	30	48.5	-6.3	.21	-.50	.44	.14
<u>SW DIST 7</u>								
Lamberton	74	29	50.7	-3.6	.27	-.42	-.26	-.64
Marshall	74	24	47.8	-6.7	.47	-.16	-.17	-.00
Pipestone	72	26	50.0	-3.5	.50	-.17	-.06	.44
Redwood Falls	73	28	52.5	-3.5	.78	.15	.21	1.50
Worthington	74	26	49.9	-2.8	.04	-.63	-.33	-.21
<u>SC DIST 8</u>								
Faribault	71	24	46.3	-6.7	.14	-.64	-.04	.44
North Mankato	71	30	47.8	-7.0	.08	-.61	-.63	-.90
Waseca	71	26	48.0	-6.0	.02	-.83	-.64	.30
Winnebago	74	30	51.6	-3.0	.01	-.80	.02	-.14
<u>SE DIST 9</u>								
Preston	70	25	46.6	-6.1	.01	-.82	-.17	.38
Red Wing	72	32	48.6	-5.8	.06	-.67	-.28	-.77
Rochester	71	29	50.7	-2.2	.01	-.76	-.48	.15
Rosemount	70	29	48.6	-4.9	.20	-.61	.71m	.08m
Winona	71	33	48.6	-5.8	0	-.84	-.75	-.05

m=some data missing

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